

Received & Inspected

JUN 22 2009

FCC Mail Room

FCC 09-31

**Before the
Federal Communications Commission**

In the Matter of

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)

A National Broadband Policy for Our Future

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GN Docket No. 09-51

To: Office of the Secretary
Federal Communications Commission
Washington, DC 20554

Comment Filed by Cindy Sage, MA

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June 16, 2009

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AFFIDAVIT OF CINDY SAGE

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*JUN 22 2009
FCC Mail Room*

State of CALIFORNIA |
 ss.
County of Santa Barbara |

CINDY SAGE being duly sworn deposes and says:

Reply Comment: FCC GN Docket No. 09-51 A National Broadband Plan for Our Future. Filed in support of The EMR Policy Institute Comment dated June 7, 2009

1. My name is Cindy Sage. I am the owner of Sage Associates, an environmental consulting firm. My business address is 1396 Danielson Road, Montecito, California, 93108
2. I have been a professional environmental consultant since 1972. I hold an M.A. degree in Geology, and a B.A. in Biology from the University of California, Santa Barbara. I am a Senior Fellow, Department of Oncology, School of Health and Medical Sciences, Orebro University, Orebro, Sweden (2008-2010).
3. I am the co-editor of the BioInitiative Report: A Rationale for a Biologically-based Public Exposure Standard for Electromagnetic Fields (ELF and RF). References for my publications are attached. I served as a member of the California Public Utilities Commission EMF Consensus Group, the Keystone Center Dialogue for Transmission Line Siting (a national group developing EMF Policy), and of the International Electric Transmission Perception Project. I am a full member of the Bioelectromagnetics Society.
4. My professional involvement in this area includes constraint analysis, environmental planning, and impact assessment on EMF issues for more than 20 years. My company has provided professional consulting services to city and county planners, private developers, state agencies and schools with respect to measurement and assessment of EMF as a part of land planning and environmental constraints analysis since 1972. I have been an expert witness on

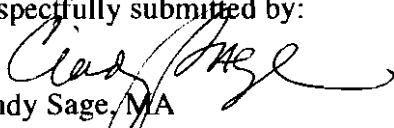
EMF policy, public perception and land use issues, and have qualified both in state and in federal court proceedings as an expert witness in this area.

5. Factors or conditions that can affect the use or development suitability for land development require assessment under both the National Environmental Policy Act and state environmental quality acts.
6. The presence of wireless emissions may have negative impacts on the value and utility of land, may pose potential health risks, may result in loss of property value, and in general may be a negative effect on public perception.
7. Land that is affected can be more speculative and risky to sell and develop; it is considered environmentally flawed.
8. Wise land use requires that homes and other sensitive receptors (schools, day-care, pre-schools) are at levels below those associated with increased risk of cancer and neurological diseases that have been reported with chronic, low-intensity NIER.
9. BPL has the potential to expose entire communities to a new, continuous, involuntary source of RF radiation. The RF signal will be carried on everyone's home wiring, even in the homes of those who do not wish to subscribe.
10. American families cannot 'opt out' of blanket wireless broadband and BPL exposures.
11. There are legitimate health concerns regarding exposure to radiofrequency radiation (RF), which has rapidly become one of the most pervasive environmental exposures in modern life.
12. There are hundreds of studies on adults in high quality, peer-reviewed scientific and public health journals that report health impacts from exposure to radiofrequency radiation (RF) at levels far below existing public safety limits.
13. The existence of low-intensity (non-thermal) effects from wireless technologies is established.

14. Existing FCC uncontrolled public safety limits are inadequate to protect public health.
15. New, biologically-based public exposure standards are needed for NIER.
16. It is not in the public interest to wait.
17. There are very few studies on the impact on childrens' health from RF.
18. Children are more vulnerable to environmental toxins and carcinogens than adults.
19. Children cannot remove themselves from potentially harmful wireless exposures.
20. The US government has a duty to protect the health and welfare of children.
21. Health care costs that will be associated with widespread and unavoidable exposures to low-intensity radiofrequency radiation from wireless broadband and BPL will have a negative economic impact on the American economy.
22. There is no informed consent by the American public about wireless health risks.
23. Prudent public health actions are warranted now that are proportionate to the potential health risks and enormous populations at possible risk.
24. Alternatives to wireless broadband and BPL are available for internet connectivity.
25. The US should implement fiber optic, cable and other wired solutions for internet connectivity and SmartGrid technology instead of wireless broadband and BPL.
26. The NTP has begun but not completed a study of the potential carcinogenicity of radiofrequency radiation.

27. The NTP assessment of the carcinogenicity of radiofrequency radiation should be completed, and a full discussion by stakeholders conducted prior to deployment of wireless broadband and/or BPL.
28. New, biologically-based public exposure standards for low-intensity, chronic exposure to NIER should be developed by individuals competent in human biology and in NIER bioelectromagnetics, independent of agencies that promulgate sales of airwaves for commercial purposes, before a federal commitment is made to deploy wireless broadband and BPL technologies.
29. The unwise, premature and irretrievable commitment of resources to further deployment of wireless technologies, including wireless broadband, BPL and SmartGrid technologies should be avoided until new, biologically-based safety standards are in place.
30. Precautionary, interim RF safety limits should be set in accordance with those recommended in the BioInitiative Report.

Respectfully submitted by:


Cindy Sage, MA

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** see Attached CA Notary Truat .*

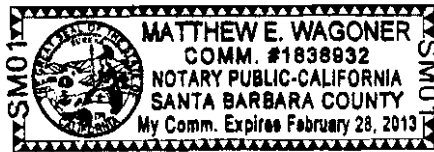
State of California
County of Santa Barbara

Subscribed and sworn to (or affirmed) before me on this 16th
day of June, 2009, by Matthew E. Wagoner - Notary
Cindy Sage
proved to me on the basis of satisfactory evidence to be the
person(s) who appeared before me.

(Seal)

Signature

Matthew E. Wagoner



References

- BioInitiative Working Group, Cindy Sage and David O. Carpenter, Editors.
BioInitiative Report: A Rationale for a Biologically-based Public Exposure Standard for Electromagnetic Fields (ELF and RF) at www.bioinitiative.org, August 31, 2007.
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